

Recombinant Human NDUFS4

Catalog No: #GP11798

Package Size: #GP11798-1 100ug

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Description

Product Name	Recombinant Human NDUFS4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 43-175 amino acids of human NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa
Target Name	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa
Other Names	AQDQ; CI-18
Accession No.	Swissprot:O43181Gene Accession:BC005270
Uniprot	O43181
GenID	4724;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), or NADH:ubiquinone oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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